

07-13-00

07/12/00

Jc862 U.S. PTO

Jc490 U.S. PTO

09/614784

07/12/00

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37CFR§1.53(b))

Attorney Docket
No.

TAL 7146.075

First Inventor or Application
Identifier

K. Srinivas

Title

METHOD OF HYBRID SOFT/HARD DECISION
DEMODULATION OF SIGNALS WITH MULTILEVEL
MODULATION

Express Mail Label No.

EL471812502US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ *Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)

5. ☐ Microfiche Computer Program (Appendix)

2. ☒ Specification

Total pages 21

(preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Federally Sponsored Research
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer readable copy
b. ☐ Paper copy (identical to computer copy)
c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

3. ☒ Drawing(s) (35 USC 113)

[Total Pages 3]

7. ☒ Assignment Papers (cover sheet & document(s))

8. ☒ 37 CFR §3.73(b) Statement ☒ Power of Attorney
when there is an assignee

9. ☐ English translation document (if applicable)

10. ☐ Information Disclosure Statement (IDS) /PTO
1449 ☐ Copies of IDS Citations

4. Oath or Declaration

[Total Pages 4]

11. ☐ Preliminary Amendment

- a. ☒ Newly executed (original or copy)

- b. ☐ Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 16 completed)

- i. ☐ Deletion of Inventor(s)

Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR §§1.53(d)(2) and 1.33(b)

12. ☒ Return Receipt Postcard (MPEP 503)
(should be specifically itemized)

13. ☐ *Small Entity Statements (PTO/sb/09-12) ☐ Statement filed in prior
application. Status still proper and desired.

14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

15. ☐ Other

* Note for Items 1 & 13: In order to be entitled to pay small
entity fees, a small entity statement is required (37 CFR §1.27),
except if one filed in a prior application is relied upon (37 CFR
§1.28)

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: ____/____

Prior application information: Examiner _____

Group No./Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under
Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert customer number or attach bar code label here)

or ☒ Correspondence address below

Name Timothy A. Long

Address 601 SW Second Ave., Suite 1600

City Portland

State

OR

Zip Code

97204-3157

Country US

Telephone

(503)227-5631

FAX

(503)228-4373

Name (print type)

Timothy A. Long

Registration No.

28,876

Signature

Timothy A. Long

Date

July 12, 2000

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

Complete If Known

Application Number N/A
Filing Date July 12, 2000
First Named Inventor K. Srinivas
Examiner Name N/A
Group/ Art Unit N/A
Attorney Docket No. TAL 7146.075

TOTAL AMOUNT OF PAYMENT \$1,016

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge the indicated fees and credit any over payments to: Deposit Account Number 03-1550 Deposit Account Name Chernoff Vilhauer McClung & Stenzel <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 & 1.17		3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	
2. <input checked="" type="checkbox"/> Payment Enclosed <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		105 130 205 65 Surcharge - late filing fee or oath 127 50 227 25 Surcharge-late provisional filing fee or cover sheet 139 130 139 130 Non-English specification 147 2,520 147 2,520 For filing a request for reexamination 112 920* 112 920* Requesting publication of SIR prior to Examiner action 113 1840* 113 1840* Requesting publication of SIR after Examiner action 115 110 215 55 Extension for reply within first month 116 380 216 190 Extension for reply within second month 117 870 217 435 Extension for reply within third month 118 1,360 218 680 Extension for reply within fourth month 128 1,850 228 925 Extension for reply within fifth month 119 300 219 150 Notice of Appeal 120 300 220 150 Filing a brief in support of an appeal 121 260 221 130 Request for oral hearing 138 1,510 138 1,510 Petition to institute a public use proceeding 140 110 240 55 Petition to revive - unavoidable 141 1,210 241 605 Petition to revive - unintentional 142 1,210 242 605 Utility issue fee (or reissue) 143 430 243 215 Design issue fee 144 580 244 290 Plant issue fee 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Petitions related to provisional applications 126 240 126 240 Submission of Information Disclosure Statement 561 40 581 40 Recording each patent assignment per property (times number of properties) 146 690 246 345 Filing a submission after final rejection (37 C.F.R. 1.129(a)) 149 690 249 345 For each additional invention to be examined (37 C.F.R. 1.129(b))	
1. BASIC FILING FEE Large Small Entity Entity Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)		SUBTOTAL (1) \$690	
2. EXTRA CLAIM FEES Total Claims 25 - 20 = 5 X 18 = 90 Indep. Claims 5 - 3 = 2 X 78 = 156 Multiple Dependent *For number of previously paid, if greater. For reissues, see below. Large Small Entity Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)		Fee from below Fee Paid 103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3 104 260 204 130 Multiple dependent claim, if not paid 109 78 209 39 *Reissue independent claims over original patent 110 18 210 9 *Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$246	
SUBTOTAL (3) \$80		SUBTOTAL (3) \$80	

SUBMITTED BY		Complete (if applicable)	
Name (print type)	Timothy A. Long	Registration No.	28,876
Signature	<i>Timothy A. Long</i>	Telephone	(503) 227-5631
		Date	July 12, 2000

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**CERTIFICATE OF MAILING
BY EXPRESS MAIL**



Express Mail No.: EL471812502US

Date of Deposit: July 12, 2000

I hereby certify that the patent application attached hereto entitled **METHOD OF HYBRID SOFT/HARD DECISION DEMODULATION OF SIGNALS WITH MULTILEVEL MODULATION**, Srinivas Kandala, Srinivasa Somayazulu and Chan K. Park, inventors, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and is addressed to, The Honorable Commissioner for Patents and Trademarks, Box Patent Application, Washington, D.C. 20231.


Dwight Bergquist-Moody